Microsoft Dynamics 365 Development - programming X++

Training | INLOGICA
Training Objective:

Support and development of the Microsoft Dynamics 365 system is one of the priority tasks of IT departments in companies that have decided to launch it. The development of the organization where the system operates, changes in the business environment, or legal conditions generate the need for rapid and agile implementation of changes within this tool. The training we have prepared will allow you to transfer our experience to your IT team. This will enable it to take care of its stable functioning and expansion independently, according to the demand reported by end users.

The training is for companies that:

- Have decided to implement the Microsoft Dynamics 365 platform,
- Are planning to change the ERP system in their organization,
- Are working on one of the older versions of Microsoft Dynamics 365 (AX2012, 2009, 4),
- Are working on a version of Microsoft Dynamics 365,
- Have their IT team that could develop Microsoft Dynamics 365 on their own,
- Want to build their IT team that could independently support the Microsoft Dynamics 365 system,
- Want to improve the competence of the IT team?

The training is aimed at:

- Managers and IT staff taking care of the Microsoft Dynamics 365 system in the organization,
- Microsoft Dynamics 365 consultants and developers take care of the organization's system.

After the training, you will know the following:

- What the architecture of the Microsoft Dynamics 365 system is,
- What the application tree of the Microsoft Dynamics 365 system looks like,
- What are the good practices related to the security of working with the system,
- How to start programming in X++ language,
- How to use selected programming tools,
- How to work with data in the Microsoft Dynamics 365 system.

AGENDA

1. INTRODUCTION

- Microsoft Dynamics 365 Architecture.
- Application Object Tree with discussion of all elements:
- Tables, Maps, Views, Base enums, ExtendedDataTypes, LicenseCodes, Macros, Forms, Classes, Parts, DataSets/DataEntities, VisualStudioProjects, Queries, Jobs, Menus, MenuItems, Services, ServiceGroups, Security (Roles, Privileges, Duties, References, System Documentation).
- Layers (Layers).
- Label files (Label files).

2. SECURITY

- Configuration Keys.
- License Keys.
- Policies.

3. X++ LANGUAGE

- Variables.
- Comments.
- Logical operators.
- Conditional expressions.
- Loops.
- Display of information: Boxes, Infologs, Dialog boxes.
- Classes.
- Methods.
- Extracting data.
- Updating data.
- Queries.
- Exception handling.

4. PROGRAMMING TOOLS

- X++ editor
- X++ compiler
- Debugger X++

5. WORKING WITH DATA

- Cache.
- Locking.
- Temporary tables.
- Data integration.
- Collections (List, Map, Set, Array, Struct, RecordSortedList, RecordInsertList).
- Classes are associated with forms and form elements.
- AX system built-in classes.

- Batch processing.
- Args.
- Integration with Visual Studio.
- Workflow.
- Numbering sequences.
- Web Services.

Number of participants:
10

Duration:
3 days (24h)

Price per participant:
1490 PLN

The offer is for information purposes only and does not constitute an offer within the meaning of Article 66 § 1 of the Civil Code and other applicable laws.